IDENTIFICATION OF COMPOUND INHIBITING NEOPLASTIC LESION, AND COMPOSITION CONTAINING THE COMPOUND

Patent number: JP2000186047

Publication date: 2000-07-04

Inventor: LIU LI; ZHU BING; HAN LI; THOMPSON W JOSEPH; PAMUKCU RIFAT; PIAZZA GARY A

Applicant: CELL PATHWAYS INC

Classification:

- international: ***A61K31/00; A61K31/165; A61K31/192; A61K31/365; A61K31/4192; C12Q1/26; C12Q1/44; G01N33/50;*** *A61K38/00;* **A61K31/00; A61K31/165; A61K31/185; A61K31/365; A61K31/4192; C12Q1/26; C12Q1/44; G01N33/50;** A61K38/00; (IPC1-7): A61K45/00; A61K38/46; A61P35/00; A61P43/00; C12N9/16; G01N33/15; G01N33/50; G01N33/566; G01N33/574

- european: A61K31/00; A61K31/165; A61K31/19L; A61K31/192; A61K31/365; A61K31/41D; A61K31/4192; C12Q1/26; C12Q1/44; G01N33/50D2B

Application number: JP19990330364 19991015

Priority number(s): US19980173375 19981015; US19990414628 19991008; US19990366003 19990803

Also published as:

EP0997145 (A1)
TR9902578 (A2)
CA2284853 (A1)
EP0997145 (B1)
ES2174573T (T3)

more >>

Report a data error here

Abstract of **JP2000186047**

PROBLEM TO BE SOLVED: To obtain the subject composition useful for treatment and prevention of pre-cancerous and cancerous lesion in mammals by including a carrier and a compound having a specific cyclooxygenase (COX)-inhibiting activities and phosphodiesterase (PDE)-inhibiting activities. SOLUTION: This composition contains (A) a carrier, and (B) a compound having COX-inhibiting activities lower than PDE-inhibiting activities, e.g. (Z)-5- fluoro-2-methyl-(4-pyridylidene)-3-(N-benzyl)indenylacetamide hydrochloric acid salt. In the component B, the PDE is characterized by (i) cGMP specificity over cAMP, (ii) positive cooperative kinetic behavior in the presence of cGMP, (iii) submicromolar affinity for the cGMP, and (iv) insensitivity to incubation with purified cGMP dependent protein kinase.